

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/578,561
Source: IFWP
Date Processed by STIC: 05/17/2006

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 05/17/2006

PATENT APPLICATION: US/10/578,561

TIME: 10:13:43

Input Set : A:\12610-020US1.txt

Output Set: N:\CRF4\05172006\J578561.raw

```

 4 <110> APPLICANT: Federoff, Howard J.
 5     Bowers, William J.
 7 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING
 8     NEUROLOGICAL DISEASES
10 <130> FILE REFERENCE: 12610-020US1
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/578,561
C--> 12 <141> CURRENT FILING DATE: 2006-05-04
12 <150> PRIOR APPLICATION NUMBER: PCT/US2004/037511
13 <151> PRIOR FILING DATE: 2004-11-08
15 <150> PRIOR APPLICATION NUMBER: US 60/518,474
16 <151> PRIOR FILING DATE: 2003-11-07
18 <160> NUMBER OF SEQ ID NOS: 25
20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 42
24 <212> TYPE: PRT
25 <213> ORGANISM: Homo sapiens
27 <400> SEQUENCE: 1
28 Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys
29  1             5             10             15
30 Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
31             20             25             30
32 Gly Leu Met Val Gly Gly Val Val Ile Ala
33             35             40
36 <210> SEQ ID NO: 2
37 <211> LENGTH: 42
38 <212> TYPE: DNA
39 <213> ORGANISM: Artificial Sequence
41 <220> FEATURE:
42 <223> OTHER INFORMATION: Primer
44 <400> SEQUENCE: 2
45 cccgaagctt accatggatg cagaattccg acatgactca gg                42
47 <210> SEQ ID NO: 3
48 <211> LENGTH: 36
49 <212> TYPE: DNA
50 <213> ORGANISM: Artificial Sequence
52 <220> FEATURE:
53 <223> OTHER INFORMATION: Primer
55 <400> SEQUENCE: 3
56 gcgggatcca aaaatctgga ttgttggggtt gataat                36
58 <210> SEQ ID NO: 4
59 <211> LENGTH: 38
60 <212> TYPE: DNA

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61 <213> ORGANISM: Artificial Sequence
63 <220> FEATURE:
64 <223> OTHER INFORMATION: Primer
66 <400> SEQUENCE: 4
67 cgactgagct cttaatcatt tgtccatcct tcatctgt      38
69 <210> SEQ ID NO: 5
70 <211> LENGTH: 17
71 <212> TYPE: DNA
72 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <223> OTHER INFORMATION: Primer
77 <400> SEQUENCE: 5
78 actggcatgg ccttccg      17
80 <210> SEQ ID NO: 6
81 <211> LENGTH: 18
82 <212> TYPE: DNA
83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Primer
88 <400> SEQUENCE: 6
89 caggcggcac gtcagatc      18
91 <210> SEQ ID NO: 7
92 <211> LENGTH: 25
93 <212> TYPE: DNA
94 <213> ORGANISM: Artificial Sequence
96 <220> FEATURE:
97 <223> OTHER INFORMATION: GAPDH probe sequence
99 <400> SEQUENCE: 7
100 ttctacccc caatgtgtcc gtcgt      25
102 <210> SEQ ID NO: 8
103 <211> LENGTH: 20
104 <212> TYPE: DNA
105 <213> ORGANISM: Artificial Sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Primer
110 <400> SEQUENCE: 8
111 cctggagcag ctgaatggaa      20
113 <210> SEQ ID NO: 9
114 <211> LENGTH: 22
115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: Primer
121 <400> SEQUENCE: 9
122 ccgtcatctc catagggatc tt      22
124 <210> SEQ ID NO: 10
125 <211> LENGTH: 26
126 <212> TYPE: DNA
127 <213> ORGANISM: Artificial Sequence

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129 <220> FEATURE:
130 <223> OTHER INFORMATION: IFN-b probe sequence
132 <400> SEQUENCE: 10
133 tcaacctcac ctacagggcg gacttc 26
135 <210> SEQ ID NO: 11
136 <211> LENGTH: 23
137 <212> TYPE: DNA
138 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Primer
143 <400> SEQUENCE: 11
144 tgaacgctac acactgcac ttg 23
146 <210> SEQ ID NO: 12
147 <211> LENGTH: 28
148 <212> TYPE: DNA
149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Primer
154 <400> SEQUENCE: 12
155 gttattcaga ctttctaggc tttcaatg 28
157 <210> SEQ ID NO: 13
158 <211> LENGTH: 27
159 <212> TYPE: DNA
160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: IFN-g probe sequence
165 <400> SEQUENCE: 13
166 tttgcagctc ttctcatgg ctgtttc 27
168 <210> SEQ ID NO: 14
169 <211> LENGTH: 23
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Primer
176 <400> SEQUENCE: 14
177 ctgcaagaga cttccatcca gtt 23
179 <210> SEQ ID NO: 15
180 <211> LENGTH: 20
181 <212> TYPE: DNA
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Primer
187 <400> SEQUENCE: 15
188 aagtagggaa ggccgtggtt 20
190 <210> SEQ ID NO: 16
191 <211> LENGTH: 26
192 <212> TYPE: DNA
193 <213> ORGANISM: Artificial Sequence
195 <220> FEATURE:

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196 <223> OTHER INFORMATION: IL-6 probe sequence
198 <400> SEQUENCE: 16
199 ccttcttggg actgatgctg gtgaca                26
201 <210> SEQ ID NO: 17
202 <211> LENGTH: 23
203 <212> TYPE: DNA
204 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Primer
209 <400> SEQUENCE: 17
210 caagaacatc caagcttgag tgt                23
212 <210> SEQ ID NO: 18
213 <211> LENGTH: 20
214 <212> TYPE: DNA
215 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: Primer
220 <400> SEQUENCE: 18
221 ttttgaccgc ccttgagagt                20
223 <210> SEQ ID NO: 19
224 <211> LENGTH: 25
225 <212> TYPE: DNA
226 <213> ORGANISM: Artificial Sequence
228 <220> FEATURE:
229 <223> OTHER INFORMATION: MIP2 probe sequence
231 <400> SEQUENCE: 19
232 cccactgcgc ccagacagaa gtcac                25
234 <210> SEQ ID NO: 20
235 <211> LENGTH: 18
236 <212> TYPE: DNA
237 <213> ORGANISM: Artificial Sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: Primer
242 <400> SEQUENCE: 20
243 tccaggcggg gcctatgt                18
245 <210> SEQ ID NO: 21
246 <211> LENGTH: 21
247 <212> TYPE: DNA
248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: Primer
253 <400> SEQUENCE: 21
254 cgatcacccc gaagttcagt a                21
256 <210> SEQ ID NO: 22
257 <211> LENGTH: 27
258 <212> TYPE: DNA
259 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: TNF-a probe sequence

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264 <400> SEQUENCE: 22
265 cagcctcttc tcattcctgc ttgtggc 27
267 <210> SEQ ID NO: 23
268 <211> LENGTH: 20
269 <212> TYPE: DNA
270 <213> ORGANISM: Artificial Sequence
272 <220> FEATURE:
273 <223> OTHER INFORMATION: Primer
275 <400> SEQUENCE: 23
276 ttcctcccaa tacccttcc 20
278 <210> SEQ ID NO: 24
279 <211> LENGTH: 23
280 <212> TYPE: DNA
281 <213> ORGANISM: Artificial Sequence
283 <220> FEATURE:
284 <223> OTHER INFORMATION: Primer
286 <400> SEQUENCE: 24
287 tgaagtcccg gatacacaga ctt 23
289 <210> SEQ ID NO: 25
290 <211> LENGTH: 23
291 <212> TYPE: DNA
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: TNF-b probe
297 <400> SEQUENCE: 25
298 tgtgcctctc ctcagtgcgc aga 23

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/578,561

DATE: 05/17/2006

TIME: 10:13:44

Input Set : A:\12610-020US1.txt

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L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date